

Table S5. GOLD Analysis Project IDs and links for annotated metagenome assemblies in this study.

Lake	Metagenome	GOLD Analysis Project	URL
Lac Paula	SW _A	Ga0335243	https://gold.jgi.doe.gov/analysis_project?id=Ga0335243
	TS _A	Ga0346504	https://gold.jgi.doe.gov/analysis_project?id=Ga0346504
	BS _A	Ga0346505	https://gold.jgi.doe.gov/analysis_project?id=Ga0346505
Eightmile Lake	SW _A	Ga0335317	https://gold.jgi.doe.gov/analysis_project?id=Ga0335317
	TS _A	Ga0346506	https://gold.jgi.doe.gov/analysis_project?id=Ga0346506
	BS _A	Ga0346507	https://gold.jgi.doe.gov/analysis_project?id=Ga0346507
Grand lac Touradi	SW _A	Ga0335324	https://gold.jgi.doe.gov/analysis_project?id=Ga0335324
	TS _A	Ga0346508	https://gold.jgi.doe.gov/analysis_project?id=Ga0346508
	BS _A	Ga0346509	https://gold.jgi.doe.gov/analysis_project?id=Ga0346509